

similar to that of the display housing 1. When the display screens 130 are operating and in use, the fans 132 of the display screen 130 will rotate in order to keep the display screen cool. The ventilation port 150 arranged adjacent each of the fans 132 provides a pathway for air in the upper compartment 144 to be drawn through the ventilation conduit 150 and into the display enclosure 110 via the fans 132. This in turn causes cooler air to be drawn through the primary air intakes 146 and the secondary air intakes 148. The cooler air passes over each of the computers 140 in its path towards the ventilation ports 150, thereby cooling the computers 140.

[0049] As with the display housing 1, the display screen enclosure 110 includes a series of ventilation apertures 138 in a rear surface thereof for the dispersion of warm air away from the display screen 130 and the display screen enclosure 110. In this manner, as the outside air temperature increases, and the fans increase in rotation in order to maintain the temperature of the displays screens 130, a corresponding increased flow of air passes through the upper compartment 144 of the computer housing 120 to cool the computers 140. The panels forming the display screen enclosure 110, the base 105 and the computer housing 120 each include a number of ventilation apertures 139 through which warm air may exit the display housing 101. The access cover 141 includes further ventilation apertures 136 through which relatively cool air may be admitted into the upper compartment 44 for cooling the computers 140.

[0050] The display housing further provides cooling of the computer(s) in a variety of ambient temperatures without the use of additional components and targets the hottest points of the computer and housing, drawing air away from these areas.

[0051] Although the invention has been described with reference to specific examples, it would be appreciated by those skilled in the art that the invention may be embodied in many other forms.

1. A display housing for a digital display screen, the display housing comprising a display screen enclosure adapted to receive a display screen and a computer housing arranged to receive a computer associated with the display screen for providing display content thereto, the computer housing having at least one air intake arranged at a first surface thereof and at least one air outlet arranged at a second surface thereof so as to define an airflow path between the at least one air intake and the at least one air outlet, the computer housing being adapted to receive the computer at a location in the airflow path; and wherein the display screen enclosure is arranged relative to the computer housing such that a fan disposed in a rear portion of a display screen received in the display screen enclosure is located adjacent the at least one air outlet of the computer housing during use.

2. The display housing of claim 1, wherein the at least one air outlet comprises a ventilation port having an inlet in fluid communication with an interior of the computer housing and an outlet arranged to direct air away from the computer housing and into the display screen enclosure.

3. The display housing of claim 2, wherein the outlet end of the ventilation port is arranged to direct air generally horizontally away from the computer housing and into the display screen enclosure.

4. The display housing of claim 2, wherein the ventilation port comprises an angled conduit having a first generally

vertical portion with a lower inlet arranged in fluid communication with an interior of the computer housing and a second generally horizontal portion arranged at an angle to the first generally vertical portion and having an inlet in fluid communication with the first generally vertical portion, and an outlet end that is arranged in fluid communication with the display screen enclosure.

5. The display housing of claim 4, wherein the outlet end of the second generally horizontal portion is angled at a slight downward angle relative to the inlet thereof.

6. The display housing of claim 1, wherein the computer housing includes a computer mounting for receiving a computer thereon.

7. The display housing of claim 1, wherein the computer housing includes a plurality of computer mountings for receiving a plurality of computers thereon.

8. The display housing of claim 1, wherein the computer housing includes a plurality of air intakes and at least one air outlet for each computer to be housed within the computer housing.

9. The display housing of claim 6, wherein the at least one air intake is located in a surface or wall of the computer housing at a height position that is lower than the height position of the computer mounting.

10. The display housing of claim 8, wherein the at least one air outlet is located in a surface or wall of the computer housing at a height position that is higher than the height position of the computer housing.

11. The display housing of claim 1, wherein the display screen enclosure includes at least one ventilation aperture for the ventilation of warm air generated by the display screen during use.

12. The display housing of claim 10, wherein the display screen enclosure includes a plurality of ventilation apertures configured to distribute warm air away from the display screen and out of the display screen enclosure.

13. The display housing of claim 1, wherein the display screen enclosure is adapted to receive at least one display screen therein.

14. The display housing of 1, wherein the display screen enclosure is adapted for receiving two or more display screens therein.

15. The display housing of claim 1, wherein a mesh filter is included at the at least one air outlet for the prevention of dust ingress.

16. A system for displaying a digital display, the system comprising the display housing for a digital display screen defined above, a digital display screen housed within the display screen enclosure and a computer housed within the computer housing, the computer being operatively associated with the digital display screen and being programmed to provide digital content thereto.

17. A method of cooling a computer housed in a display housing for a digital display screen, the computer being operatively associated with a digital display screen for providing digital content thereto, the display housing comprising a display screen enclosure adapted to receive a display screen and a computer housing arranged to receive the computer, the computer housing having at least one air intake arranged at a first surface thereof and at least one air outlet arranged at a second surface thereof so as to define an airflow path between the air intake and the air outlet, the computer housing being adapted to receive the computer at a location in the airflow path, the display screen enclosure